

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022317.D
 Acq On : 25 Oct 2022 09:40
 Operator : CG/JU
 Sample : N5119-01DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 27 05:11:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

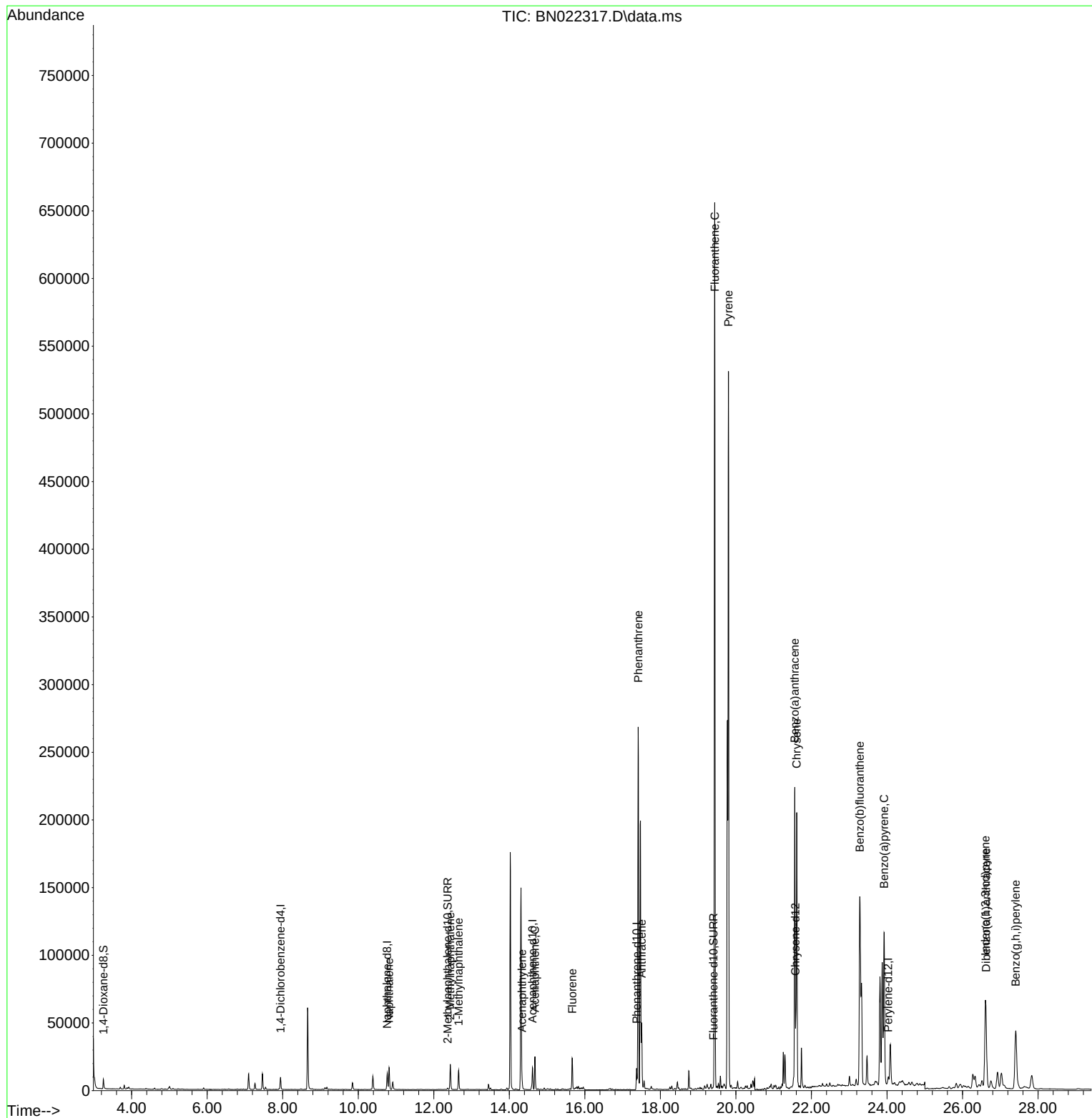
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4631	0.400	ng/ul	0.00
4) Naphthalene-d8	10.766	136	16330	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.614	164	8956	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.370	188	17157	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	9823	0.400	ng/ul	0.00
23) Perylene-d12	24.034	264	8049	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	4751	0.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1391	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	2493	0.076	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.816	128	22354	0.463	ng/ul	99
7) 2-Methylnaphthalene	12.438	142	13605	0.448	ng/ul	99
8) 1-Methylnaphthalene	12.658	142	10000	0.320	ng/ul	100
10) Acenaphthylene	14.336	152	6895	0.171	ng/ul#	94
11) Acenaphthene	14.678	153	13689	0.404	ng/ul	100
12) Fluorene	15.668	166	14493	0.368	ng/ul	99
15) Phenanthrene	17.412	178	275720	4.787	ng/ul	99
16) Anthracene	17.505	178	48897	1.008	ng/ul	100
19) Fluoranthene	19.439	202	527737	11.729	ng/ul	97
20) Pyrene	19.802	202	419669	9.285	ng/ul	100
21) Benzo(a)anthracene	21.558	228	194709	5.290	ng/ul	97
22) Chrysene	21.611	228	200178	5.131	ng/ul	98
24) Benzo(b)fluoranthene	23.280	252	335316	8.296	ng/ul	96
26) Benzo(a)pyrene	23.926	252	165080	5.123	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.608	276	112577	2.810	ng/ul	91
28) Dibenzo(a,h)anthracene	26.625	278	26984	0.843	ng/ul	95
29) Benzo(g,h,i)perylene	27.413	276	96491	2.957	ng/ul	97

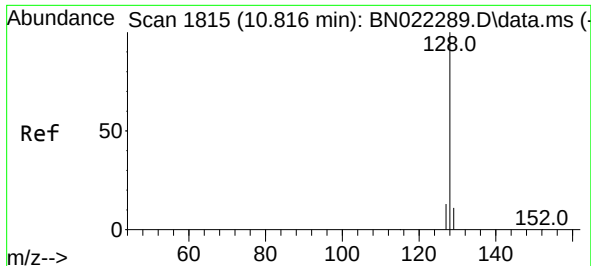
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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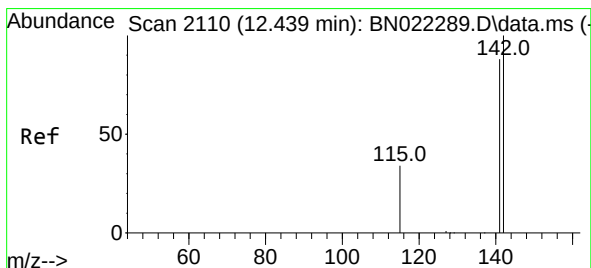
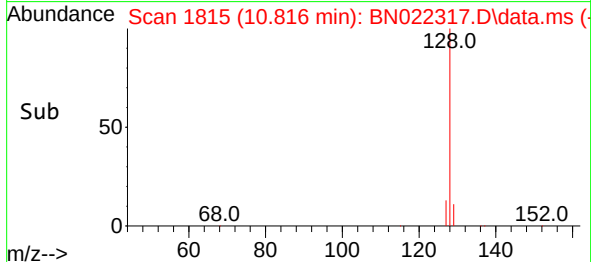
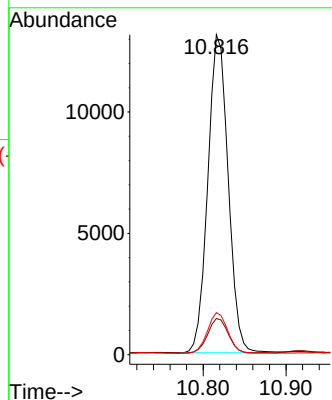
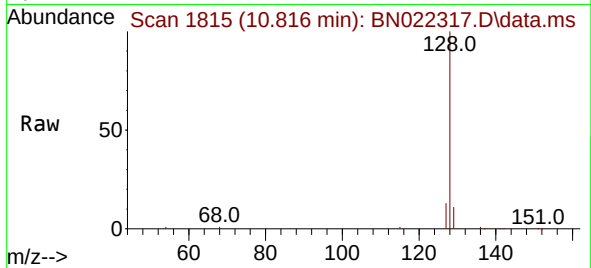




#5
Naphthalene
Concen: 0.463 ng/ul
RT: 10.816 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

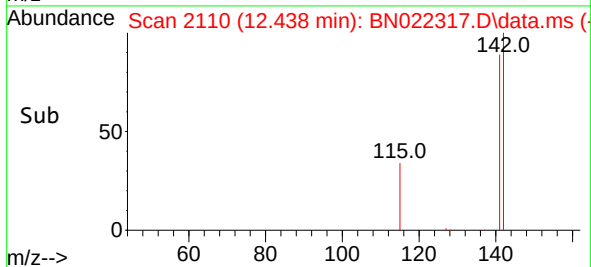
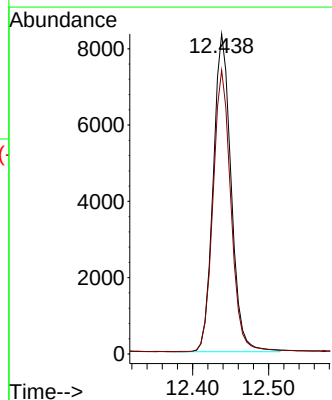
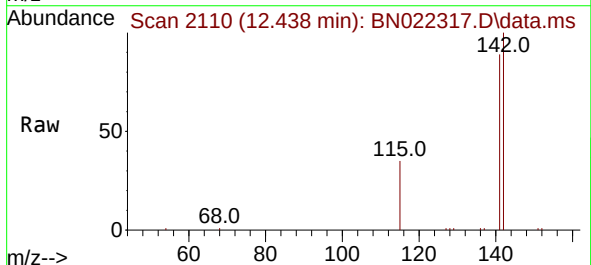
Instrument :
BNA_N
ClientSampleId :

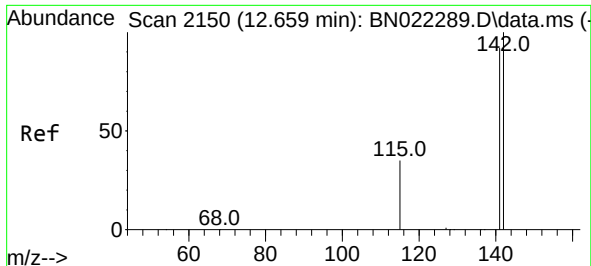
Tgt Ion:128 Resp: 22354
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.1 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.448 ng/ul
RT: 12.438 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

Tgt Ion:142 Resp: 13605
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7

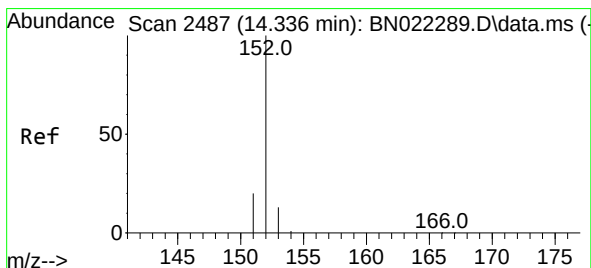
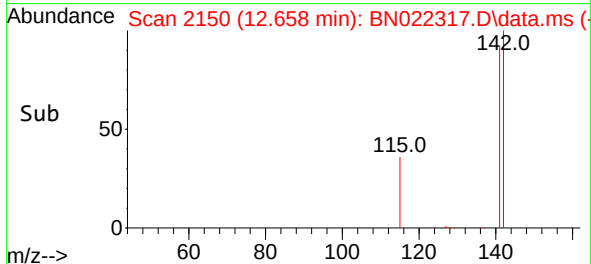
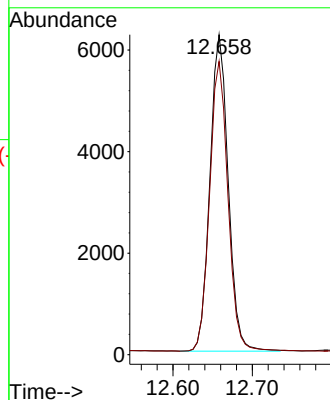
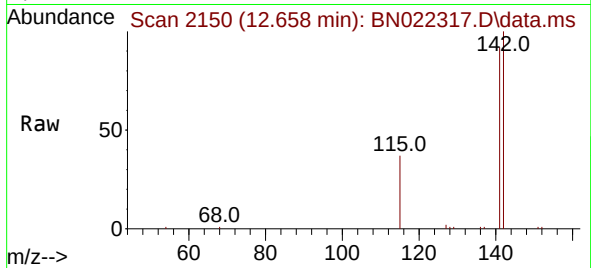




#8
1-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.658 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

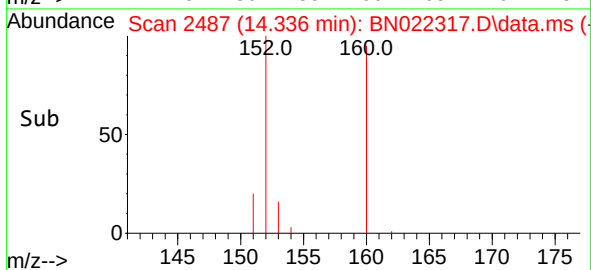
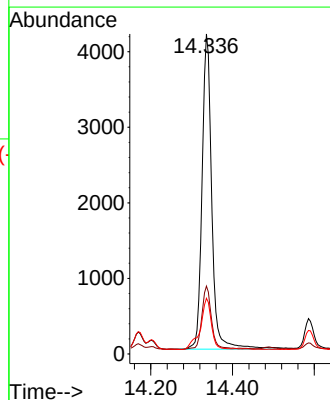
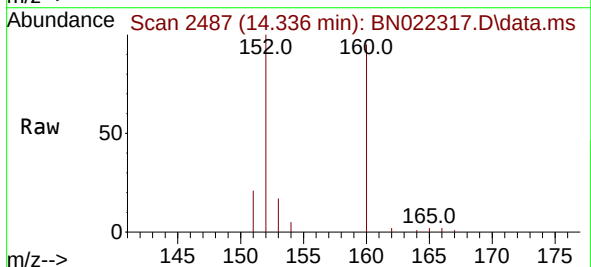
Instrument :
BNA_N
ClientSampleId :

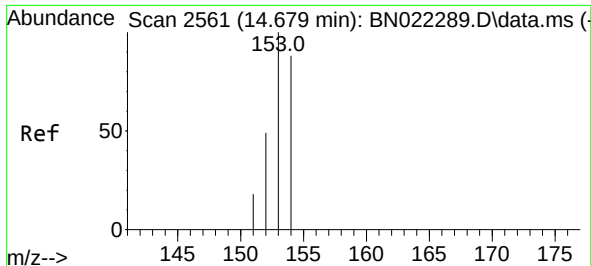
Tgt Ion:142 Resp: 10000
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9



#10
Acenaphthylene
Concen: 0.171 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

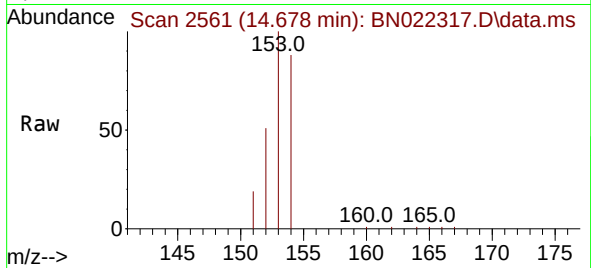
Tgt Ion:152 Resp: 6895
Ion Ratio Lower Upper
152 100
151 21.2 15.9 23.9
153 17.4 10.8 16.2#



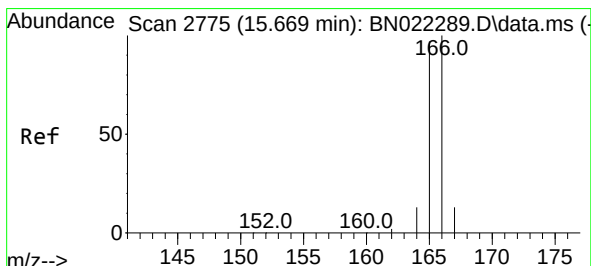
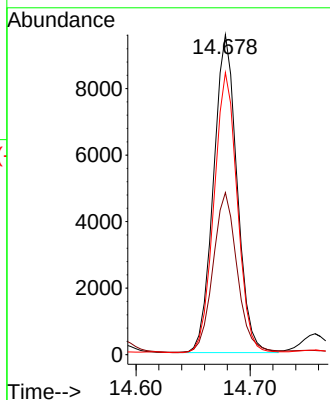
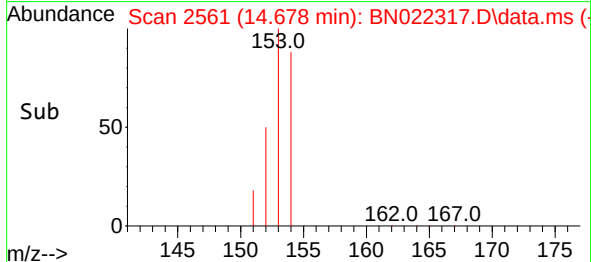


#11
Acenaphthene
Concen: 0.404 ng/ul
RT: 14.678 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

Instrument :
BNA_N
ClientSampleId :

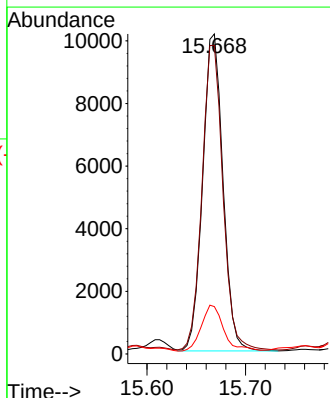
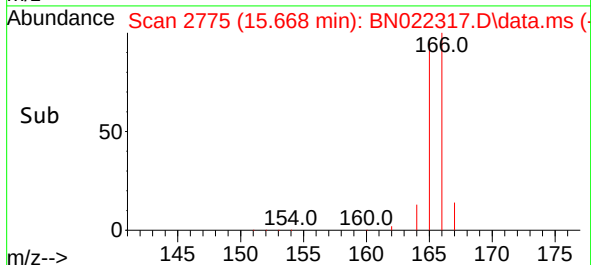
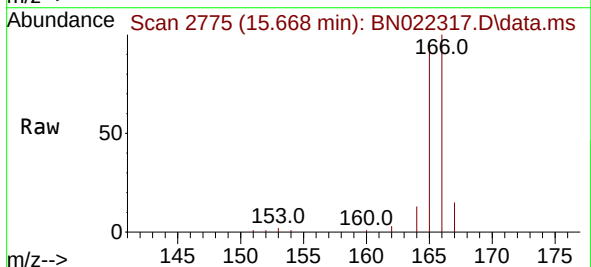


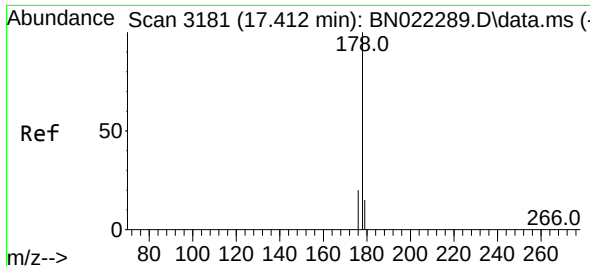
Tgt Ion:153 Resp: 13689
Ion Ratio Lower Upper
153 100
152 50.6 40.6 61.0
154 88.1 70.6 106.0



#12
Fluorene
Concen: 0.368 ng/ul
RT: 15.668 min Scan# 2775
Delta R.T. -0.005 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

Tgt Ion:166 Resp: 14493
Ion Ratio Lower Upper
166 100
165 96.4 78.2 117.2
167 14.8 11.0 16.4

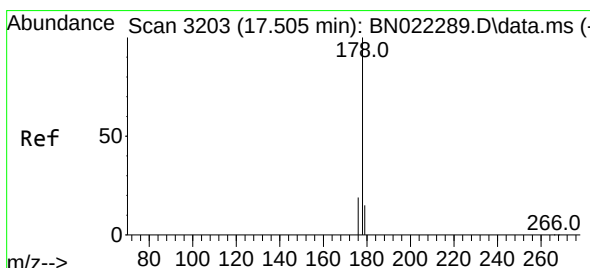
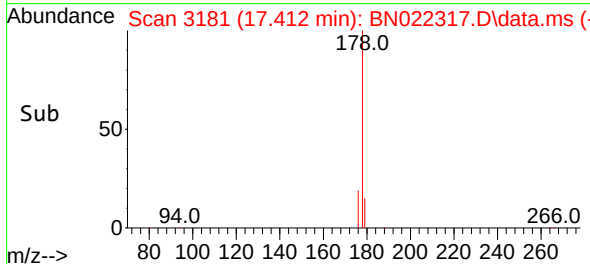
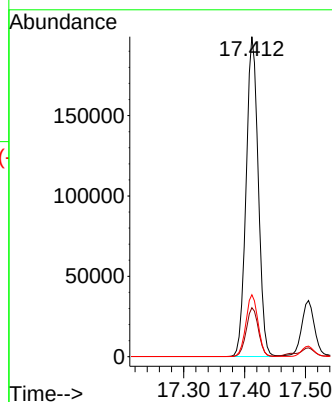
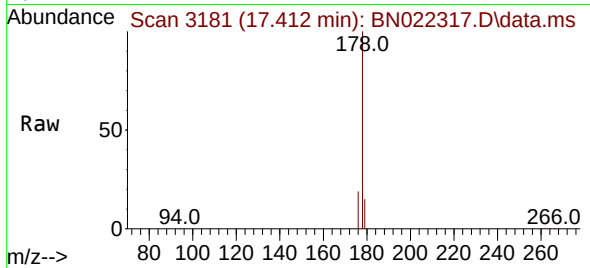




#15
Phenanthrene
Concen: 4.787 ng/ul
RT: 17.412 min Scan# 3181
Delta R.T. -0.005 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

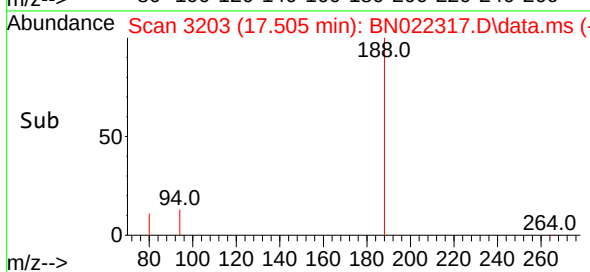
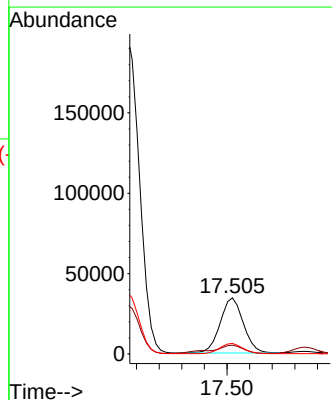
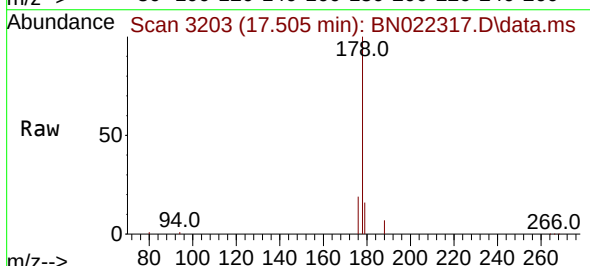
Instrument :
BNA_N
ClientSampleId :

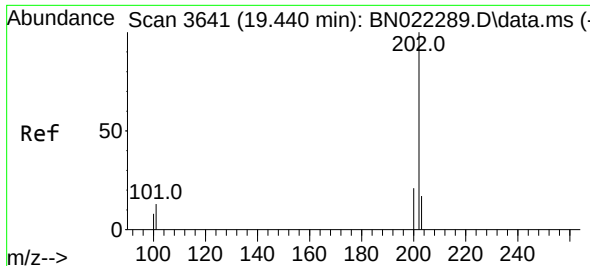
Tgt Ion:178 Resp: 275720
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.4 15.4 23.2



#16
Anthracene
Concen: 1.008 ng/ul
RT: 17.505 min Scan# 3203
Delta R.T. -0.005 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

Tgt Ion:178 Resp: 48897
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 18.7 15.0 22.6

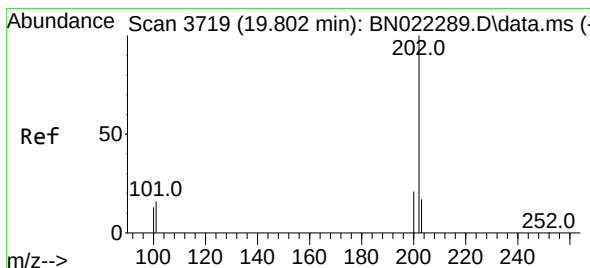
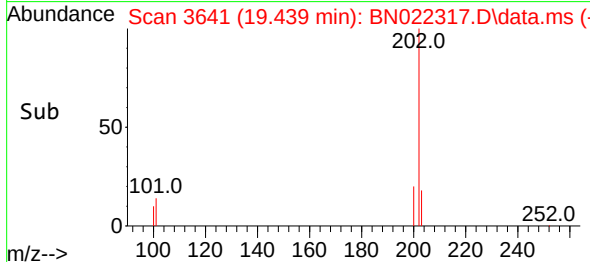
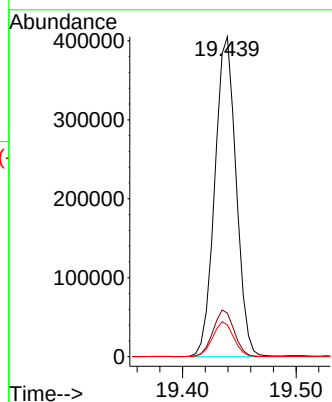
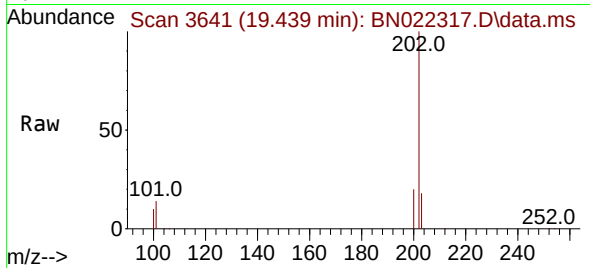




#19
Fluoranthene
Concen: 11.729 ng/ul
RT: 19.439 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

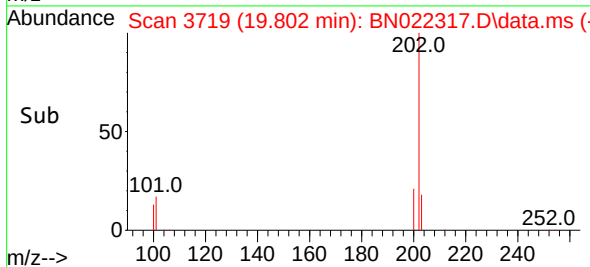
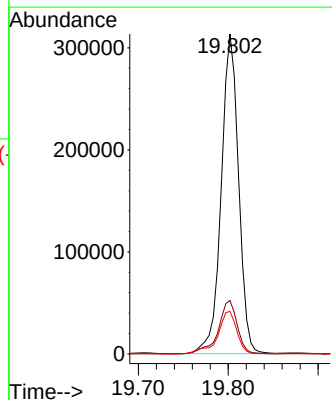
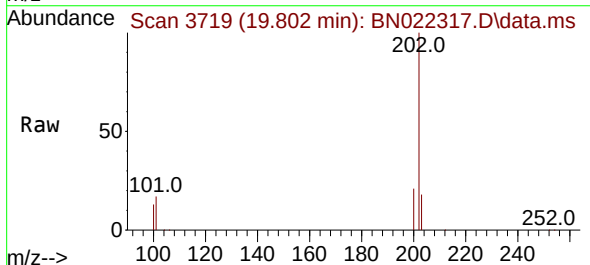
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BNA_N
ClientSampleId :

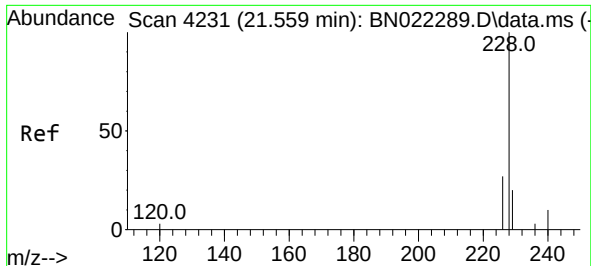
Tgt Ion:202 Resp: 527737
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 9.9 8.7 13.1



#20
Pyrene
Concen: 9.285 ng/ul
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

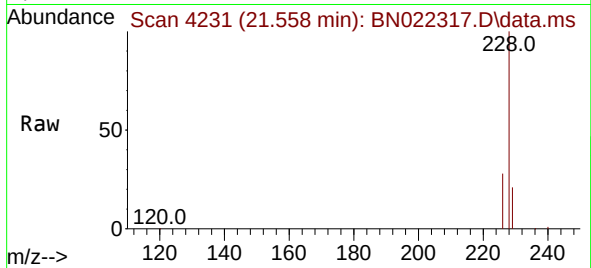
Tgt Ion:202 Resp: 419669
Ion Ratio Lower Upper
202 100
101 16.7 13.1 19.7
100 13.3 10.6 16.0



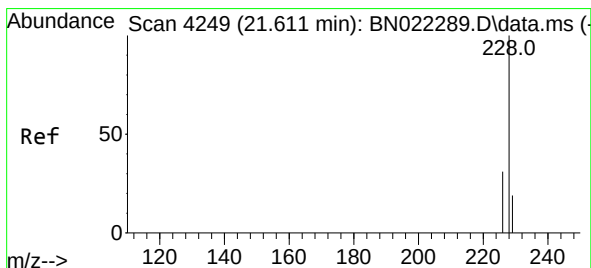
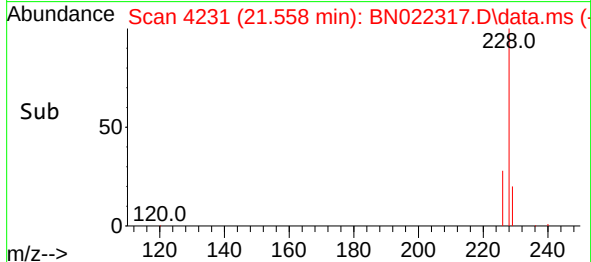
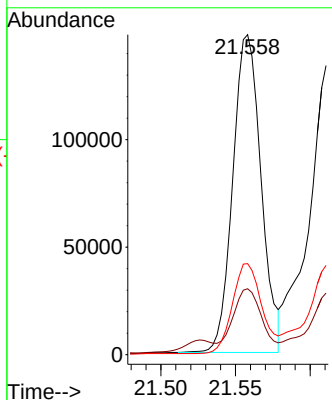


#21
Benzo(a)anthracene
Concen: 5.290 ng/ul
RT: 21.558 min Scan# 4231
Delta R.T. -0.000 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

Instrument :
BNA_N
ClientSampleId :

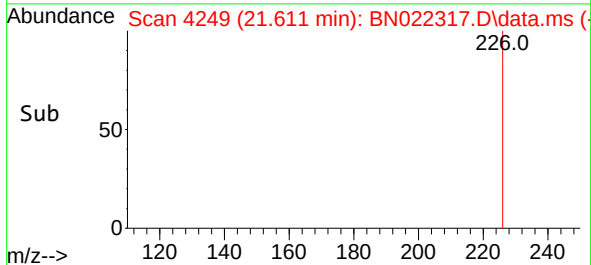
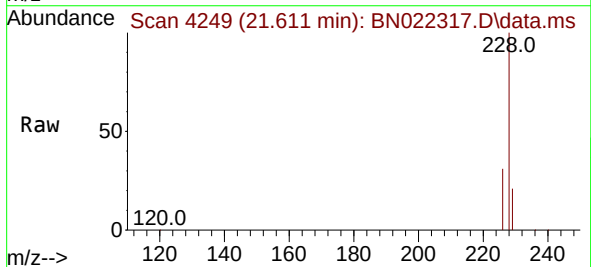
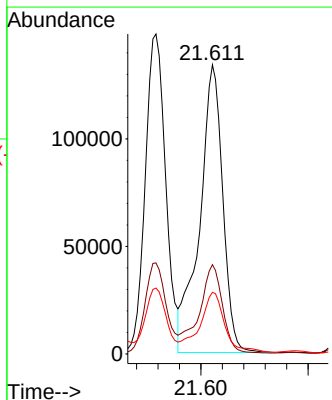


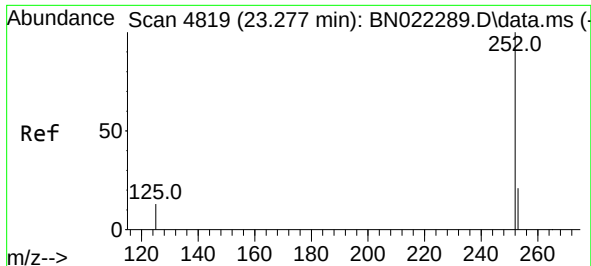
Tgt Ion:228 Resp: 194709
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.4 21.5 32.3



#22
Chrysene
Concen: 5.131 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.000 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

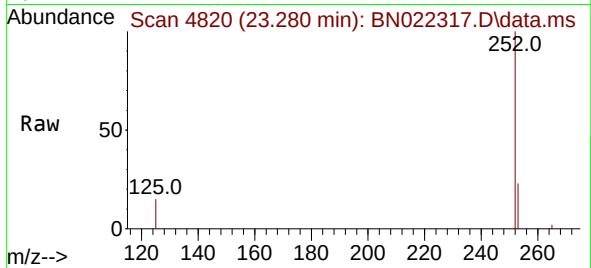
Tgt Ion:228 Resp: 200178
Ion Ratio Lower Upper
228 100
226 30.9 23.9 35.9
229 21.3 15.9 23.9



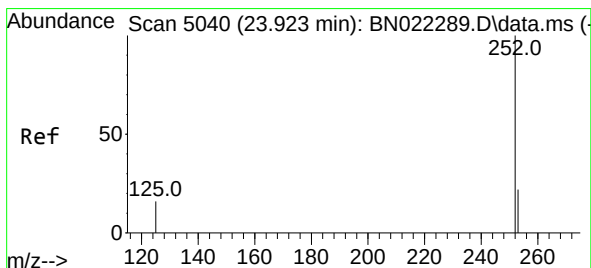
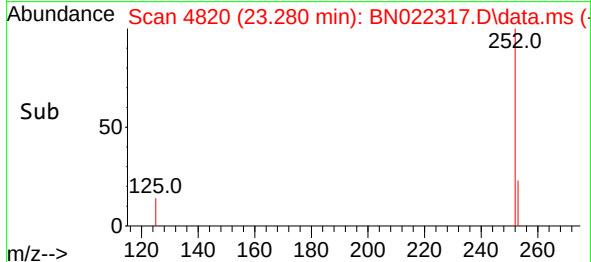
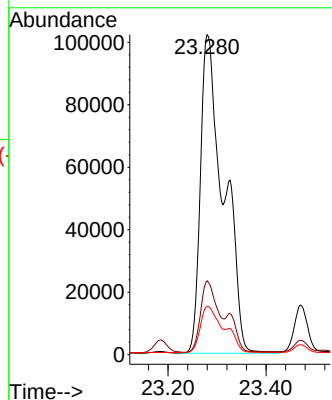


#24
Benzo(b)fluoranthene
Concen: 8.296 ng/ul
RT: 23.280 min Scan# 4819
Delta R.T. 0.002 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

Instrument :
BNA_N
ClientSampleId :

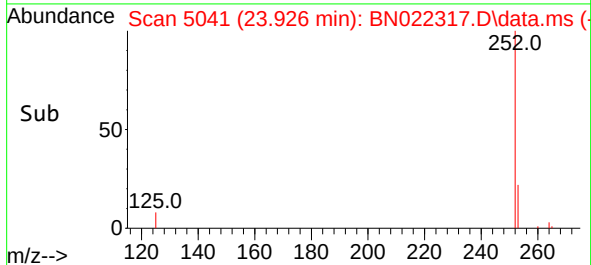
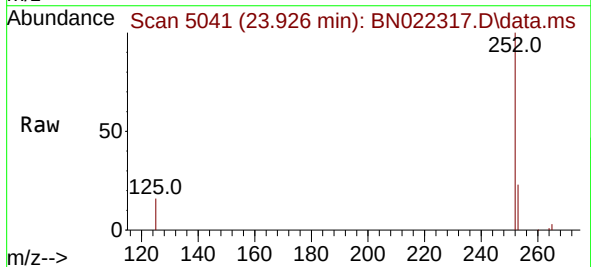
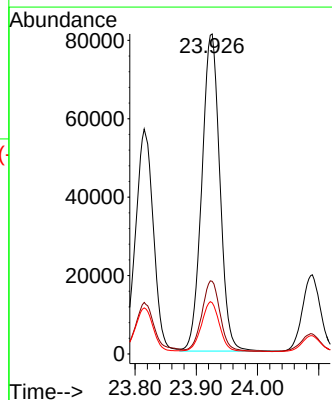


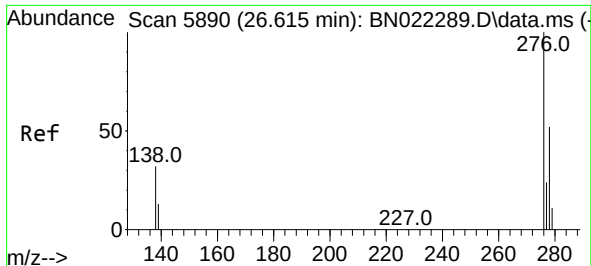
Tgt Ion:252 Resp: 335316
Ion Ratio Lower Upper
252 100
253 23.1 0.0 49.0
125 15.0 0.0 35.2



#26
Benzo(a)pyrene
Concen: 5.123 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. 0.005 min
Lab File: BN022317.D
Acq: 25 Oct 2022 09:40

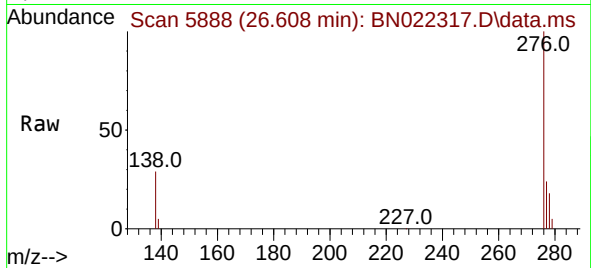
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Ion Ratio Lower Upper
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253 22.7 21.0 31.6
125 16.0 17.9 26.9#



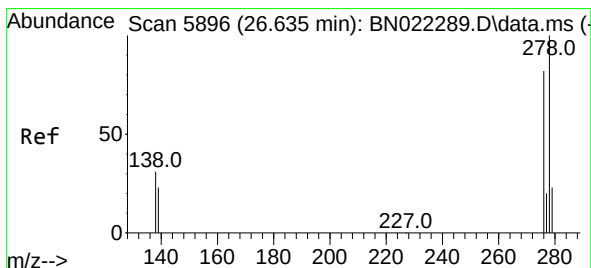
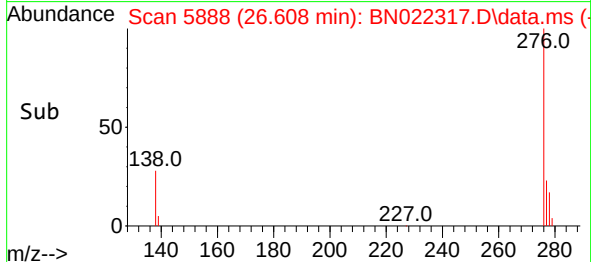
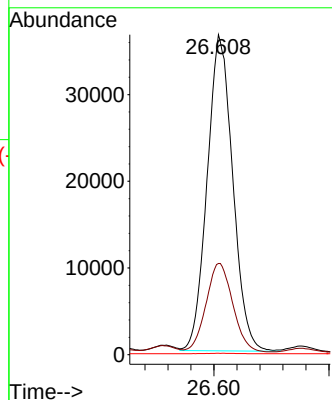


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.810 ng/ul
 RT: 26.608 min Scan# 5888
 Delta R.T. -0.007 min
 Lab File: BN022317.D
 Acq: 25 Oct 2022 09:40

Instrument :
 BNA_N
 ClientSampleId :

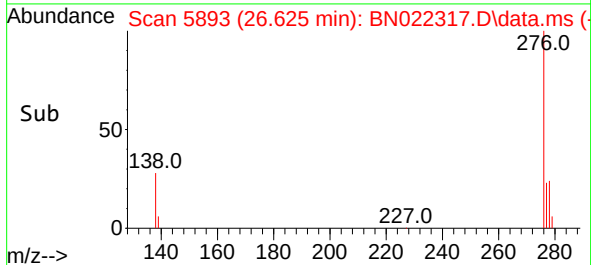
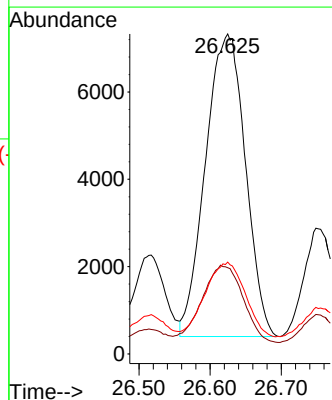
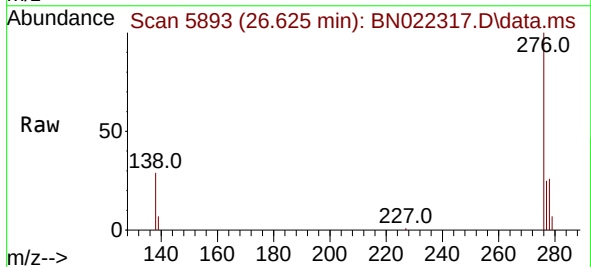


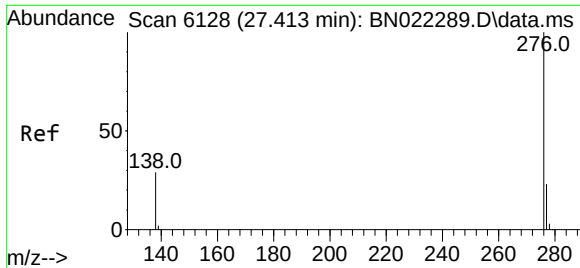
Tgt Ion:276 Resp: 112577
 Ion Ratio Lower Upper
 276 100
 138 29.1 27.7 41.5
 227 0.2 0.2 0.2



#28
 Dibenzo(a,h)anthracene
 Concen: 0.843 ng/ul
 RT: 26.625 min Scan# 5893
 Delta R.T. -0.014 min
 Lab File: BN022317.D
 Acq: 25 Oct 2022 09:40

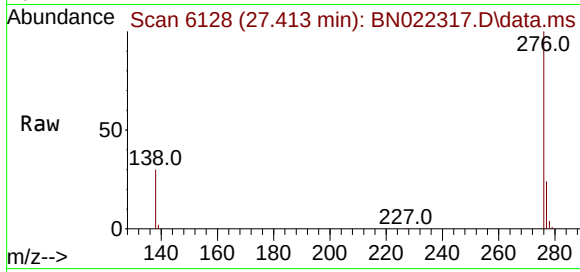
Tgt Ion:278 Resp: 26984
 Ion Ratio Lower Upper
 278 100
 139 26.9 19.6 29.4
 279 28.7 20.6 30.8





#29
 Benzo(g,h,i)perylene
 Concen: 2.957 ng/ul
 RT: 27.413 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: BN022317.D
 Acq: 25 Oct 2022 09:40

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	96491
Ion Ratio	Lower	Upper	
276	100		
138	29.9	25.2	37.8
277	23.8	19.9	29.9

